

PATENT APPLICATION FEE DETERMINATION RECORD
Effective December 8, 2004

Application or Docket Number

10/518152

CLAIMS AS FILED - PART I

| | (Column 1) | (Column 2) |
|----------------------------------|---|--|
| U.S. NATIONAL STAGE FEES | | |
| BASIC FEE | SMALL ENT. = \$ 150 | LARGE ENT. = \$ 300 |
| EXAMINATION FEE | Satisfies PCT Article 33(1)-(4) = \$ 50 / \$ 100 | All other situations = \$ 100 / \$ 200 |
| SEARCH FEE | U.S. is ISA = \$ 50 / \$ 100 ALL other countries = \$ 200 / \$ 400 | All other situations = \$ 250 / \$ 500 |
| FEE FOR EXTRA SPEC. PGS. | minus 100 = | / 50 = |
| TOTAL CHARGEABLE CLAIMS | 44 minus 20 = | * 24 |
| INDEPENDENT CLAIMS | 4 minus 3 = | * 1 |
| MULTIPLE DEPENDENT CLAIM PRESENT | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

| SMALL ENTITY TYPE | OR | OTHER THAN SMALL ENTITY |
|-------------------|------|-------------------------|
| RATE | OR | RATE |
| BASIC FEE | 150 | BASIC FEE |
| EXAM. FEE | 100 | EXAM. FEE |
| SEARCH FEE | 250 | SEARCH FEE |
| X \$ 125 = | | X \$ 250 = |
| X \$ 25 = | 600 | X \$ 50 = |
| X \$ 100 = | 100 | X \$ 200 = |
| + \$ 180 = | | + \$ 360 = |
| TOTAL | 1200 | TOTAL |

CLAIMS AS AMENDED - PART II

| | (Column 1) | (Column 2) | (Column 3) |
|-------------|--|------------|------------------------------------|
| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR |
| | Total | * | Minus |
| | Independent | * | Minus |
| | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | <input type="checkbox"/> |

| SMALL ENTITY | OR | OTHER THAN SMALL ENTITY |
|------------------|----|-------------------------|
| RATE | OR | RATE |
| ADDITIONAL FEE | | ADDITIONAL FEE |
| X \$ 25 = | | X \$ 50 = |
| X \$ 100 = | | X \$ 200 = |
| + \$ 180 = | | + \$ 360 = |
| TOTAL ADDIT. FEE | | TOTAL ADDIT. FEE |

| | (Column 1) | (Column 2) | (Column 3) |
|-------------|--|------------|------------------------------------|
| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR |
| | Total | * | Minus |
| | Independent | * | Minus |
| | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | <input type="checkbox"/> |

| ADDITIONAL FEE | OR | ADDITIONAL FEE |
|------------------|----|------------------|
| RATE | OR | RATE |
| ADDITIONAL FEE | | ADDITIONAL FEE |
| X \$ 25 = | | X \$ 50 = |
| X \$ 100 = | | X \$ 200 = |
| + \$ 180 = | | + \$ 360 = |
| TOTAL ADDIT. FEE | | TOTAL ADDIT. FEE |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than '20', enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than '3', enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2003

tion or Deckle Number:

10/518152

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| | | | |
|----------------------------------|----|--------------|--------------------------|
| TOTAL CLAIMS | | | |
| FOR | | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | 44 | minus 20 = | 24 |
| INDEPENDENT CLAIMS | 4 | minus 3 = | 1 |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|-------------|---|-------|---|------------------|
| | | Minus | ** | = | |
| | Total | | Minus | ** | = |
| | Independent | | Minus | *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | <input type="checkbox"/> | |

SMALL ENTITY
TYPE

OTHER THAN
OR SMALL ENTITY

| | | | |
|-----------|-----|--------------|-----|
| RATE | Fee | RATE | Fee |
| BASIC FEE | | OR BASIC FEE | |
| XS 9= | | OR XS18= | |
| X43= | | OR X86= | |
| -145= | | OR -290= | |
| TOTAL | | OR TOTAL | |

OTHER THAN
SMALL ENTITY OR SMALL ENTITY

| | | | |
|--------------------|------------------------|--------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| XS 9= | | OR XS18= | |
| X43= | | OR X86= | |
| +145= | | +290= | |
| TOTAL ADDT. FEE | | TOTAL ADDT. FEE | |

| AMENDMENT B | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|-------------|---|-------|---|------------------|
| | | Minus | ** | = | |
| | Total | | Minus | ** | = |
| | Independent | | Minus | *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | <input type="checkbox"/> | |

| | | | |
|--------------------|------------------------|--------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| XS 9= | | OR XS18= | |
| X43= | | OR X86= | |
| +145= | | +290= | |
| TOTAL ADDT. FEE | | TOTAL ADDT. FEE | |

| AMENDMENT C | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|-------------|---|-------|---|------------------|
| | | Minus | ** | = | |
| | Total | | Minus | ** | = |
| | Independent | | Minus | *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | <input type="checkbox"/> | |

| | | | |
|--------------------|------------------------|--------------------|------------------------|
| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
| XS 9= | | OR XS18= | |
| X43= | | OR X86= | |
| +145= | | +290= | |
| TOTAL ADDT. FEE | | TOTAL ADDT. FEE | |

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- † The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.